

110TH CONGRESS
1ST SESSION

S. 167

To amend the Clean Air Act to require the Secretary of Energy to provide grants to eligible entities to carry out research, development, and demonstration projects of cellulosic ethanol and construct infrastructure that enables retail gas stations to dispense cellulosic ethanol for vehicle fuel to reduce the consumption of petroleum-based fuel.

IN THE SENATE OF THE UNITED STATES

JANUARY 4, 2007

Mrs. BOXER introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

A BILL

To amend the Clean Air Act to require the Secretary of Energy to provide grants to eligible entities to carry out research, development, and demonstration projects of cellulosic ethanol and construct infrastructure that enables retail gas stations to dispense cellulosic ethanol for vehicle fuel to reduce the consumption of petroleum-based fuel.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Cellulosic Ethanol De-
5 velopment and Implementation Act of 2007”.

1 **SEC. 2. CELLULOSIC ETHANOL FUEL DEVELOPMENT AND**
 2 **IMPLEMENTATION PROGRAM.**

3 Section 212 of the Clean Air Act (42 U.S.C. 7546)
 4 is amended by adding at the end the following:

5 “(f) CELLULOSIC ETHANOL FUEL GRANT PRO-
 6 GRAM.—

7 “(1) DEFINITION OF ELIGIBLE ENTITY.—In
 8 this subsection, the term ‘eligible entity’ means—

9 “(A) an institution of higher education;

10 “(B) a National Laboratory;

11 “(C) a Federal research agency;

12 “(D) a State research agency;

13 “(E) a private sector entity;

14 “(F) a nonprofit organization; or

15 “(G) a consortium of 2 or more entities de-
 16 scribed in subparagraphs (A) through (F).

17 “(2) ESTABLISHMENT.—The Secretary shall es-
 18 tablish a program to provide grants to eligible enti-
 19 ties for use in carrying out research, development,
 20 and demonstration projects relating to the use of
 21 cellulosic ethanol fuel for motor vehicles.

22 “(3) APPLICATION.—An eligible entity that
 23 seeks to receive a grant under this subsection shall
 24 submit to the grant review committee described in
 25 paragraph (4) an application for the grant at such

1 time, in such form, and containing such information
2 as the grant review committee may require.

3 “(4) GRANT REVIEW COMMITTEE.—Applica-
4 tions for grants under this subsection shall be re-
5 viewed, and approved or disapproved, by a grant re-
6 view committee composed of an equal number of rep-
7 resentatives of—

8 “(A) the Department of Energy, to be ap-
9 pointed by the Secretary;

10 “(B) the Department of Agriculture, to be
11 appointed by the Secretary of Agriculture;

12 “(C) the Environmental Protection Agen-
13 cy, to be appointed by the Administrator; and

14 “(D) experts that are not full-time employ-
15 ees of the Federal Government, to be appointed
16 by the President.

17 “(5) PRIORITY.—In awarding grants under this
18 subsection, the grant review committee shall give
19 priority to eligible entities that propose to carry
20 out—

21 “(A) projects that use alternative or re-
22 newable energy sources in the production of cel-
23 lulosic ethanol fuel; and

24 “(B) demonstration projects.

1 “(6) MATCHING FUNDS.—As a condition of re-
 2 ceiving a grant under this subsection, an eligible en-
 3 tity shall provide matching funds in the amount of
 4 20 percent of the total amount of the grant.

5 “(7) AUTHORIZATION OF APPROPRIATIONS.—
 6 There is authorized to be appropriated to carry out
 7 this subsection \$1,000,000,000 for the period of fis-
 8 cal years 2007 through 2013.

9 “(g) INFRASTRUCTURE PILOT PROGRAM FOR CEL-
 10 LULOSIC ETHANOL FUEL.—

11 “(1) IN GENERAL.—The Secretary shall estab-
 12 lish a pilot program to provide grants to eligible en-
 13 tities (as described in subsection (d)(2) or defined in
 14 subsection (f)) for use in installing infrastructure
 15 (such as pumps) that would enable retail gas sta-
 16 tions to sell and dispense ethanol fuel.

17 “(2) APPLICATION.—An eligible entity that
 18 seeks to receive a grant under this subsection shall
 19 submit to the Secretary an application for the grant
 20 at such time, in such form, and containing such in-
 21 formation as the Secretary may require.

22 “(3) MATCHING FUNDS.—As a condition of re-
 23 ceiving a grant under this subsection, an eligible en-
 24 tity shall provide matching funds in the amount of
 25 20 percent of the total amount of the grant.

1 “(4) AUTHORIZATION OF APPROPRIATIONS.—

2 There is authorized to be appropriated to carry out
 3 this subsection \$1,000,000,000 for the period of fis-
 4 cal years 2007 through 2013.”.

5 **SEC. 3. CELLULOSIC BIOMASS ETHANOL CONVERSION AS-**
 6 **SISTANCE.**

7 Section 212(e) of the Clean Air Act (42 U.S.C.
 8 7546(e)) is amended by striking paragraph (3) and insert-
 9 ing the following:

10 “(3) AUTHORIZATION OF APPROPRIATIONS.—

11 There are authorized to be appropriated to carry out
 12 this subsection \$400,000,000 for each of fiscal years
 13 2007 through 2010.”.

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